

## WEST Search History

DATE: Tuesday, October 14, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP:ADJ</i>			
L7	L6 and nfkb	11	L7
L6	leucine-rich repeat	609	L6
L5	L4 and nfkb	24	L5
L4	leucine rich repeat	705	L4
L3	leucine rich repeat adj2 samll intestin	0	L3
L2	(human leucine rich repeat adj2 samll intestin) or HLRRSI1	3	L2
L1	(human leucine rich rpeat adj2 samll intestin) or HLRRSI1	3	L1

END OF SEARCH HISTORY

WEST

Generate Collection

Print

## Search Results - Record(s) 1 through 3 of 3 returned.

## 1. Document ID: US 20030017562 A1

L1: Entry 1 of 3

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030017562  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030017562 A1

TITLE: Novel human leucine-rich repeat containing protein expressed predominately in small intestine, HLRRS11

PUBLICATION-DATE: January 23, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Feder, John N.	Belle Mead	NJ	US	
Ramanathan, Chandra S.	Wallingford	CT	US	
Mintier, Gabriel A.	Hightstown	NJ	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/69.1, 536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [Image](#) |  
[Draw View](#) | [Image](#)

## 2. Document ID: WO 2061086 A2

L1: Entry 2 of 3

File: EPAB

Aug 8, 2002

PUB-NO: WO002061086A2

DOCUMENT-IDENTIFIER: WO 2061086 A2

TITLE: A NOVEL HUMAN LEUCINE-RICH REPEAT CONTAINING PROTEIN EXPRESSED PREDOMINATELY IN SMALL INTESTINE, HLRRS11

PUBN-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	COUNTRY
FEDER, JOHN	
RAMANATHAN, CHANDRA	
MINTIER, GABE	

INT-CL (IPC): C12 N 15/12; C12 N 15/63; C12 N 1/21; C12 N 5/10; C07 K 14/705; C07 K 16/28; A61 K 38/17; C12 Q 1/68; G01 N 33/68

## ABSTRACT:

The present invention provides novel polynucleotides encoding HLRRS11 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HLRRS11

polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly gastrointestinal diseases and/or disorders. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	PDF
Drawn Draft										Image

### 3. Document ID: US 20030017562 A1 WO 200261086 A2

L1: Entry 3 of 3

File: DWPI

Jan 23, 2003

DERWENT-ACC-NO: 2002-619252

DERWENT-WEEK: 200310

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TITLE: New isolated nucleic acid molecules encoding HLRRSII1 polypeptides, or their fragments and homologues, useful for preventing, treating and ameliorating medical conditions, e.g. proliferative, gastrointestinal, or renal disorders

INVENTOR: FEDER, J N; MINTIER, G A ; RAMANATHAN, C S ; FEDER, J ; MINTIER, G ; RAMANATHAN, C

PRIORITY-DATA: 2000US-257774P (December 22, 2000), 2001US-0029347 (December 20, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030017562 A1	January 23, 2003		000	C12N009/00
WO 200261086 A2	August 8, 2002	E	336	C12N015/12

INT-CL (IPC): A61 K 38/17; C07 H 21/04; C07 K 14/705; C07 K 16/28; C12 N 1/21; C12 N 5/06; C12 N 5/10; C12 N 9/00; C12 N 9/16; C12 N 15/12; C12 N 15/63; C12 P 21/02; C12 Q 1/68; G01 N 33/68

ABSTRACTED-PUB-NO: WO 200261086A

BASIC-ABSTRACT:

NOVELTY - Isolated nucleic acid molecules (I) encoding HLRRSII1 polypeptides, or their fragments and homologues, are new.

DETAILED DESCRIPTION - The nucleic acid molecule comprises the polynucleotide with at least 95% sequence identity to:

(A) a polynucleotide fragment of a fully defined sequence of 2689 base pairs (S1), given in the specification, or a polypeptide fragment (P1) of the cDNA sequence included in the American Type Culture Collection Deposit No: PTA-2679 or PTA-2674 (A1), which is hybridizable to (S1), with a caspase activity;

(B) a polynucleotide encoding a polypeptide fragment, domain or epitope of a fully defined sequence of 625 amino acids (S2), given in the specification, or a polypeptide fragment, domain or epitope encoded by the cDNA sequence included in (A1), which is hybridizable to (S1);

(C) a polynucleotide which is a variant or allelic variant of (S1);

(D) a polynucleotide capable of hybridizing under stringent conditions to anyone of the polynucleotides mentioned, but does not hybridize under stringent conditions to a nucleic acid molecule with a nucleotide sequence of only A residues or only T residues; or

(E) a polynucleotide, which represents the complimentary sequence (antisense) of (S1); The nucleic acid molecule can also comprise the polynucleotide sequence of, or with at

least 95% identity to:

- (a) a polynucleotide encoding a polypeptide comprising (S2); or the cDNA sequence included in (A1); or
- (b) an isolated polynucleotide comprising:
  - (i) nucleotides 78-1949 of (S1), which encode a polypeptide corresponding to amino acids 2-625 of (S2) minus the start codon;
  - (ii) nucleotides 75-1949 of (S1), which encode a polypeptide corresponding to amino acids 1-625 of (S2), including the start codon. The nucleic acid further comprises the polynucleotide sequence of a polynucleotide encoding the HLRRSII polypeptide encoded by the cDNA clone contained in (A1).

INDEPENDENT CLAIMS are also included for the following:

- (1) a recombinant vector (II) comprising the nucleic acid molecule;
- (2) a recombinant host cell (III) comprising the vector sequences of (1);
- (3) an isolated polypeptide (IV) comprising an amino acid sequence of, or with at least 95% identity to:
  - (a) a polypeptide fragment of (S2); or the encoded sequence included in (A1), with or without caspase binding activity;
  - (b) a polypeptide domain or epitope of (S2), or the encoded sequence included in (A1);
  - (c) a full length protein of (S2), or the encoded sequence included in (A1);
  - (d) a variant, allelic variant or species homologue of (S2);
  - (e) a polypeptide comprising amino acids 2-625 of (S2) with the polypeptide sequence minus the start methionine;
  - (f) a polypeptide comprising amino acids 1-625 of (S2); or
  - (g) a polypeptide encoded by the cDNA contained in (A1);
- (4) an isolated antibody (V), which binds specifically to the polypeptide;
- (5) a recombinant host cell (VI) that expresses the isolated polypeptide;
- (6) making (M1) an isolated polypeptide;
- (7) the polypeptide (VII) produced in (M1);
- (8) preventing (M2), treating, or ameliorating a medical condition comprising administering to a mammalian subject the polynucleotide or the polypeptide cited above;
- (9) diagnosing (M3) a pathological condition or susceptibility to a pathological condition;
- (10) a process (M4) for making polynucleotide sequences encoding a gene product with altered caspase binding activity; and
- (11) a shuffled polynucleotide sequence (VIII) produced from the process in (7).

ACTIVITY - Hemostatic; Antianemic; Anti-HIV; Thrombolytic; Antiasthmatic; Antiinflammatory; Antibacterial; Immunosuppressive; Cytostatic; Cardiant; Nootropic; Neuroprotective; Anticonvulsant; Virucide; Antifungal. No biological data given.

MECHANISM OF ACTION - Gene therapy.

USE - The nucleic acid molecules and polypeptides are useful for preventing, treating and ameliorating medical conditions, such as proliferative, gastrointestinal (claimed), renal, neural, or reproductive disorders; or disorders related to aberrant calcium

regulation or apoptosis modulation, either directly or indirectly (claimed). They are also useful for treating, preventing and/or diagnosing diseases, disorders and/or conditions of: immune system by activating or inhibiting the proliferation, differentiation, or mobilization of immune cells; hematopoietic cells e.g. thrombocytopenia, anemia; immunologic deficiency syndromes, e.g. HIV infection, HTLV-BLV infection; blood coagulation disorders, e.g. arterial thrombosis; autoimmune disorders, e.g. Addison's disease, myasthenia gravis; asthma or allergic reactions; inflammatory conditions, e.g. chronic prostatitis, sepsis; proliferative disorders, e.g. cancer; cardiovascular disorders, e.g. arrhythmia, myocardial ischemias, aneurysms; neurological disorders, e.g. Alzheimer's disease, Huntington's chorea; infectious diseases, e.g. measles, mumps, pneumonia, or viral, bacterial, and fungal infections. The HLRRSSII polypeptides are useful for modulating cytokine production, antigen presentation, or other processes such as boosting immune responses.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	<input type="button" value="Email"/>
<input type="button" value="Draw Desc"/> <input type="button" value="Image"/>										

Terms	Documents
(human leucine rich rpeat adj2 samll intestin) or HLRRSSII	3

Display Format:

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 20 of 24 returned.****1. Document ID: US 20030175762 A1**

L5: Entry 1 of 24

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175762  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030175762 A1

TITLE: Modulators on Nod2 signaling

PUBLICATION-DATE: September 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nunez, Gabriel	Ann Arbor	MI	US	
Inohara, Naohiro	Ann Arbor	MI	US	
Ogura, Yasunori	Ann Arbor	MI	US	

US-CL-CURRENT: 435/6; 435/7.21, 514/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC
<a href="#">Drawn Deck</a>	<a href="#">Image</a>										

**2. Document ID: US 20030170850 A1**

L5: Entry 2 of 24

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170850  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030170850 A1

TITLE: Cell-based screening methods

PUBLICATION-DATE: September 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cardone, Michael H.	Boston	MA	US	
Yaffe, Michael	Jamaica Plain	MA	US	

US-CL-CURRENT: 435/194; 435/320.1, 435/325, 435/69.7, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	PMC
<a href="#">Drawn Deck</a>	<a href="#">Image</a>										

**3. Document ID: US 20030170737 A1**

L5: Entry 3 of 24

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170737  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030170737 A1

TITLE: Cell-based screening methods

PUBLICATION-DATE: September 11, 2003

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cardone, Michael H.	Boston	MA	US	
Yaffe, Michael	Jamaica Plain	MA	US	

US-CL-CURRENT: 435/7.2; 435/15

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMD</a>
<a href="#">Drawn Desc</a>	<a href="#">Image</a>									

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4. Document ID: US 20030170626 A1

L5: Entry 4 of 24

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170626  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030170626 A1

TITLE: Nucleic acid and corresponding protein entitled 85P1B3 useful in treatment and detection of cancer

PUBLICATION-DATE: September 11, 2003

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Raitano, Arthur B.	Los Angeles	CA	US	
Faris, Mary	Los Angeles	CA	US	
Hubert, Rene S.	Los Angeles	CA	US	
Afar, Daniel	Brisbane	CA	US	
Ge, Wangmao	Culver City	CA	US	
Challita-Eid, Pia M.	Encino	CA	US	
Jakobovits, Aya	Beverly Hills	CA	US	

US-CL-CURRENT: 435/6; 424/155.1, 435/7.23

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMD</a>
<a href="#">Drawn Desc</a>	<a href="#">Image</a>									

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5. Document ID: US 20030170611 A1

L5: Entry 5 of 24

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170611  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030170611 A1

TITLE: Cell-based screening methods

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cardone, Michael H.	Boston	MA	US	
Yaffe, Michael	Jamaica Plain	MA	US	

US-CL-CURRENT: 435/5; 435/15, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Draw	Desc	Image								

6. Document ID: US 20030157597 A1

L5: Entry 6 of 24

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157597

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157597 A1

TITLE: 103P2D6: tissue specific protein highly expressed in various cancers

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Raitano, Arthur B.	Los Angeles	CA	US	
Afar, Daniel E.H.	Brisbane	CA	US	
Rastegar, Gazelle S.	Beverly Hills	CA	US	
Mitchell, Steve Chappell	Santa Monica	CA	US	
Hubert, Rene S.	Los Angeles	CA	US	
Challita-Eid, Pia M.	Encino	CA	US	
Faris, Mary	Los Angeles	CA	US	
Jakobovits, Aya	Beverly Hills	CA	US	

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Draw	Desc	Image								

7. Document ID: US 20030119720 A1

L5: Entry 7 of 24

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119720

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030119720 A1

TITLE: Oligopeptide treatment of anthrax

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE
Khan, Nisar Ahmed	Rotterdam		NL	
Benner, Robert	Barendrecht		NL	

US-CL-CURRENT: 514/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Drawn	Text	Image								

8. Document ID: US 20030113733 A1

LS: Entry 8 of 24

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113733  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030113733 A1

TITLE: Gene regulator

PUBLICATION-DATE: June 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE
Khan, Nisar Asmed	Rotterdam		NL	
Benner, Robert	Barendrecht		NL	

US-CL-CURRENT: 435/6; 435/7.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Drawn	Text	Image								

9. Document ID: US 20030109481 A1

LS: Entry 9 of 24

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109481  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030109481 A1

TITLE: Tumour-cell specific gene expression and its use in cancer therapy

PUBLICATION-DATE: June 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE
Gallani, Anne-Isabelle	Strasbourg		FR	
Imbert, Georges	Buschwiller		FR	
Krek, Wilhelm	Riehen		CH	

US-CL-CURRENT: 514/44; 424/93.2, 435/235.1, 435/320.1, 435/325, 435/456, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Drawn	Text	Image								

## 10. Document ID: US 20030105594 A1

L5: Entry 10 of 24

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030105594 A1

TITLE: cDNA databases for analysis of hematopoietic tissue

PUBLICATION-DATE: June 5, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Westbrook, Carol A.	Chicago	IL	US	
Hoffman, Ronald	Chicago	IL	US	

US-CL-CURRENT: 702/19; 702/20

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Email</a>
<a href="#">Drawn Desc</a>										<a href="#">Image</a>

## 11. Document ID: US 20030091562 A1

L5: Entry 11 of 24

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030091562

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030091562 A1

TITLE: Nucleic acid and corresponding protein entitled 101P3A41 useful in treatment and detection of cancer

PUBLICATION-DATE: May 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jakobovits, Aya	Beverly Hills	CA	US	
Raitano, Arthur B.	Los Angeles	CA	US	
Afar, Daniel E. H.	Brisbane	CA	US	
Saffran, Douglas C.	Encinitas	CA	US	
Hubert, Rene S.	Los Angeles	CA	US	
Faris, Mary	Los Angeles	CA	US	
Challita-Eid, Pia M.	Encino	CA	US	

US-CL-CURRENT: 424/142.1; 424/143.1, 424/146.1

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Email</a>
<a href="#">Drawn Desc</a>										<a href="#">Image</a>

## 12. Document ID: US 20030064418 A1

L5: Entry 12 of 24

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064418

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030064418 A1

TITLE: 55P4H4: gene expressed in various cancers

PUBLICATION-DATE: April 3, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Faris, Mary	Los Angeles	CA	US	
Hubert, Rene S.	Los Angeles	CA	US	
Afar, Daniel E.H.	Brisbane	CA	US	
Levin, Elana	Los Angeles	CA	US	
Mitchell, Steve Chappell	Santa Monica	CA	US	
Raitano, Arthur B.	Los Angeles	CA	US	
Jakobovits, Aya	Beverly Hills	CA	US	

US-CL-CURRENT: 435/7.23, 530/324, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	EDOC
Draw	Reset									
Image										

## 13. Document ID: US 20030032087 A1

L5: Entry 13 of 24

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032087

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032087 A1

TITLE: 121P1F1: a tissue specific protein highly expressed in various cancers

PUBLICATION-DATE: February 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Challita-Eid, Pia M.	Encino	CA	US	
Hubert, Rene S.	Los Angeles	CA	US	
Mitchell, Steve Chappell	Santa Monica	CA	US	
Raitano, Arthur B.	Los Angeles	CA	US	
Faris, Mary	Los Angeles	CA	US	
Afar, Daniel E.H.	Brisbane	CA	US	
Jakobovits, Aya	Beverly Hills	CA	US	

US-CL-CURRENT: 435/69.1, 435/183, 435/325, 435/338, 435/6, 435/7.1, 530/388.1,  
536/23.2, 800/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	EDOC
Draw	Reset									
Image										

## 14. Document ID: US 20030017466 A1

L5: Entry 14 of 24

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030017466

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030017466 A1

TITLE: Nucleic acid and corresponding protein named 158P1D7 useful in the treatment and detection of bladder and other cancers

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Faris, Mary	Los Angeles	CA	US	
Hubert, Rene S.	Los Angeles	CA	US	
Raitano, Arthur B.	Los Angeles	CA	US	
Afar, Daniel E.H.	Brisbane	CA	US	
Levin, Elana	Los Angeles	CA	US	
Challita-Eid, Pia	Encino	CA	US	
Jakobovits, Aya	Beverly Hills	CA	US	

US-CL-CURRENT: 435/6; 424/138.1, 424/155.1, 514/44

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KINDC</a>
<a href="#">Drawn Desk</a>	<a href="#">Image</a>									

15. Document ID: US 20020197660 A1

L5: Entry 15 of 24

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020197660

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020197660 A1

TITLE: Novel molecules of the PYRIN domain protein family and uses thereof

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bertin, John	Watertown	MA	US	
Manji, Gulam A.	Pacifica	CA	US	

US-CL-CURRENT: 435/7.92

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KINDC</a>
<a href="#">Drawn Desk</a>	<a href="#">Image</a>									

16. Document ID: US 20020176853 A1

L5: Entry 16 of 24

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176853

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020176853 A1

TITLE: Card domain containing polypeptides, encoding nucleic acids, and methods of use

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Reed, John C.	Rancho Santa Fe	CA	US	
Pio, Frederick F.	Vancouver	CA	CA	
Godzik, Adam	San Diego	CA	US	
Stehlik, Christian	San Diego	CA	US	
Damiano, Jason S.	La Jolla	CA	US	
Lee, Sug Hyung	San Diego	CA	US	
Oliveira, Vasco A.	San Diego		US	
Hayashi, Hideki	Nagasaki City		JP	
Pawlowski, Krzysztof	Malmo		SE	

US-CL-CURRENT: 424/94.63; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

### 17. Document ID: US 20020168683 A1

L5: Entry 17 of 24

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020168683  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020168683 A1

TITLE: Human pellino polypeptides

PUBLICATION-DATE: November 14, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bird, Timothy A.	Bainbridge Island	WA	US	
Cosman, David J.	Bainbridge Island	WA	US	

US-CL-CURRENT: 435/7.1; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

### 18. Document ID: US 20020128219 A1

L5: Entry 18 of 24

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128219  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020128219 A1

TITLE: Novel molecules of the card related protein family and uses thereof

PUBLICATION-DATE: September 12, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bertin, John	Watertown	MA	US	
Alnemri, Emad S.	Ambler	PA	US	

US-CL-CURRENT: 514/44; 435/23, 435/7.9, 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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**19. Document ID: US 20020127673 A1**

L5: Entry 19 of 24

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127673  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020127673 A1

TITLE: Nod2 nucleic acids and proteins

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nunez, Gabriel	Ann Arbor	MI	US	
Inohara, Naohiro	Ann Arbor	MI	US	
Ogura, Yasunori	Ann Arbor	MI	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/410, 435/69.1, 536/23.2, 800/278, 800/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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**20. Document ID: US 20020123082 A1**

L5: Entry 20 of 24

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123082  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020123082 A1

TITLE: Methods to identify compounds useful for the treatment of proliferative and differentiative disorders

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pagano, Michele	New York	NY	US	

US-CL-CURRENT: 435/7.23; 435/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
<input type="button" value="Draw Desc"/> <input type="button" value="Image"/>									

Terms	Documents
L4 and nfkb	24

**Display Format:**  -

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[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 24 of 24 returned.****21. Document ID: US 20020055478 A1**

L5: Entry 21 of 24

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055478  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020055478 A1

TITLE: GTP-binding protein useful in treatment and detection of cancer

PUBLICATION-DATE: May 9, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Faris, Mary	Los Angeles	CA	US	
Challita-Eid, Pia M.	Encino	CA	US	
Raitano, Arthur B.	Los Angeles	CA	US	
Mitchell, Steve Chappell	Santa Monica	CA	US	
Afar, Daniel E.H.	Brisbane	CA	US	
Jakobovits, Aya	Beverly Hills	CA	US	

US-CL-CURRENT: 514/44; 435/6, 435/7.23

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [Dwg](#)  
[Drawn Desc](#) | [Image](#)

**22. Document ID: US 20020012966 A1**

L5: Entry 22 of 24

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012966  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020012966 A1

TITLE: 18 Human secreted proteins

PUBLICATION-DATE: January 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shi, Yanggu	Gaithersburg	MD	US	
Young, Paul E.	Gaithersburg	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/69.1; 435/183, 435/325, 530/350, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC
Draw Desk	Image										

23. Document ID: US 6029114 A

L5: Entry 23 of 24

File: USPT

Feb 22, 2000

US-PAT-NO: 6029114

DOCUMENT-IDENTIFIER: US 6029114 A

\*\* See image for Certificate of Correction \*\*

TITLE: Molecular modelling of neurotrophin-receptor binding

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shamovsky; Igor L.	Kingston			CA
Ross; Gregory M.	Kingston			CA
Riopelle; Richard J.	Kingston			CA
Weaver; Donald F.	Kingston			CA

US-CL-CURRENT: 702/22; 530/350, 700/266, 702/19, 702/20

## ABSTRACT:

The present invention relates to computational methods for identifying the bioactive conformations of peptide domains, in particular the geometries of complexes of neurotrophins and neurotrophin receptors, and the geometries of neurotrophin receptors and ligands. The invention includes a method for identifying and theoretically modelling a receptor binding site for neurotrophins, such as NGF, BDNF, NT-3 and NT4/5, of the common neurotrophin receptor p75.sup.NTR. The principal residues of the p75.sup.NTR binding site are Asp.sup.47p, Lys.sup.56p, Asp.sup.75p, Asp.sup.76p, Asp.sup.88p and Glu.sup.88p of the second and third cysteine-rich domains. These residues interact with residues of variable loop regions I and V and other neighboring residues of each of the neurotrophins. The invention provides a method of designing a ligand for binding with common neurotrophin receptor p75.sup.NTR including computationally evolving a ligand having effective moieties located relative to each other in the ligand so that the moieties bind to at least two of p75.sup.NTR binding loop 2A including region Cys.sup.39p to Cys.sup.58p, p75.sup.NTR binding loop 2B including region Cys.sup.58p to Cys.sup.78p, and p75.sup.NTR binding loop 3A including region Cys.sup.79p to Cys.sup.94p. The invention further provides a method of identifying such a ligand encoded in a data base containing molecules coded for spatial occupancy, relative atomic position, bond type and/or charge. The designed or identified ligand may be an agonist or antagonist of p75.sup.NTR.

18 Claims, 20 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	DOC	
Draw Desk	Image										

24. Document ID: US 5571706 A

L5: Entry 24 of 24

File: USPT

Nov 5, 1996

US-PAT-NO: 5571706

DOCUMENT-IDENTIFIER: US 5571706 A

TITLE: Plant virus resistance gene and methods

DATE-ISSUED: November 5, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baker; Barbara J.	Richmond	CA		
Whitham; Steven A.	Albany	CA		

US-CL-CURRENT: 800/279; 435/69.1, 536/23.6, 800/301

ABSTRACT:

Genomic and cDNA sequences encoding plant virus resistance proteins are provided herein. Specifically exemplified are sequences encoding the N protein derived from tobacco mosaic virus resistant *Nicotiana glutinosa*. TMV-sensitive tobacco plants genetically engineered to contain and express an N protein coding sequence from a TMV-resistant line acquire the TMV-resistant phenotype.

32 Claims, 13 Drawing figures

Exemplary Claim Number: 23

Number of Drawing Sheets: 8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Email](#)  
[Drawn Sheet](#) | [Image](#)

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 11 of 11 returned.****1. Document ID: US 20030175762 A1**

L7: Entry 1 of 11

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175762  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030175762 A1

TITLE: Modulators on Nod2 signaling

PUBLICATION-DATE: September 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE
Nunez, Gabriel	Ann Arbor	MI	US	47
Inohara, Naohiro	Ann Arbor	MI	US	
Ogura, Yasunori	Ann Arbor	MI	US	

US-CL-CURRENT: 435/6; 435/7.21, 514/8

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">PMC</a>
<a href="#">Draw</a>	<a href="#">Break</a>	<a href="#">Image</a>									

**2. Document ID: US 20030105594 A1**

L7: Entry 2 of 11

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105594  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030105594 A1

TITLE: cDNA databases for analysis of hematopoietic tissue

PUBLICATION-DATE: June 5, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE
Westbrook, Carol A.	Chicago	IL	US	47
Hoffman, Ronald	Chicago	IL	US	

US-CL-CURRENT: 702/19; 702/20

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">PMC</a>
<a href="#">Draw</a>	<a href="#">Break</a>	<a href="#">Image</a>									

**3. Document ID: US 20020197660 A1**

L7: Entry 3 of 11

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020197660  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020197660 A1

TITLE: Novel molecules of the PYRIN domain protein family and uses thereof

PUBLICATION-DATE: December 26, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bertin, John	Watertown	MA	US	
Manji, Gulam A.	Pacifica	CA	US	

US-CL-CURRENT: 435/7.92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Drawn Draft										

## 4. Document ID: US 20020176853 A1

L7: Entry 4 of 11

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176853  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020176853 A1

TITLE: Card domain containing polypeptides, encoding nucleic acids, and methods of use

PUBLICATION-DATE: November 28, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Reed, John C.	Rancho Santa Fe	CA	US	
Pio, Frederick F.	Vancouver	CA	CA	
Godzik, Adam	San Diego	CA	US	
Stehlik, Christian	San Diego	CA	US	
Damiano, Jason S.	La Jolla	CA	US	
Lee, Sug Hyung	San Diego	CA	US	
Oliveira, Vasco A.	San Diego		US	
Hayashi, Hideki	Nagasaki City		JP	
Pawlowski, Krzysztof	Malmo		SE	

US-CL-CURRENT: 424/94.63; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
Drawn Draft										

## 5. Document ID: US 20020168683 A1

L7: Entry 5 of 11

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020168683  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020168683 A1

TITLE: Human pellino polypeptides

PUBLICATION-DATE: November 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bird, Timothy A.	Bainbridge Island	WA	US	
Cosman, David J.	Bainbridge Island	WA	US	

US-CL-CURRENT: 435/7.1; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	DOC
Draw Desc	Image									

## 6. Document ID: US 20020128219 A1

L7: Entry 6 of 11

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128219

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128219 A1

TITLE: Novel molecules of the card related protein family and uses thereof

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bertin, John	Watertown	MA	US	
Alnemri, Emad S.	Ambler	PA	US	

US-CL-CURRENT: 514/44; 435/23, 435/7.9, 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	DOC
Draw Desc	Image									

## 7. Document ID: US 20020127673 A1

L7: Entry 7 of 11

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127673

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127673 A1

TITLE: Nod2 nucleic acids and proteins

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nunez, Gabriel	Ann Arbor	MI	US	
Inohara, Naohiro	Ann Arbor	MI	US	
Ogura, Yasunori	Ann Arbor	MI	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/410, 435/69.1, 536/23.2, 800/278, 800/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	... EndC
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## 8. Document ID: US 20020123082 A1

L7: Entry 8 of 11

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123082

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020123082 A1

TITLE: Methods to identify compounds useful for the treatment of proliferative and differentiative disorders

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pagano, Michele	New York	NY	US	

US-CL-CURRENT: 435/7.23; 435/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	... EndC
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## 9. Document ID: US 20020012966 A1

L7: Entry 9 of 11

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012966

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020012966 A1

TITLE: 18 Human secreted proteins

PUBLICATION-DATE: January 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shi, Yanggu	Gaithersburg	MD	US	
Young, Paul E.	Gaithersburg	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/69.1; 435/183, 435/325, 530/350, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	... EndC
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## 10. Document ID: US 6029114 A

L7: Entry 10 of 11

File: USPT

Feb 22, 2000

US-PAT-NO: 6029114  
 DOCUMENT-IDENTIFIER: US 6029114 A  
 \*\* See image for Certificate of Correction \*\*

TITLE: Molecular modelling of neurotrophin-receptor binding

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shamovsky; Igor L.	Kingston			CA
Ross; Gregory M.	Kingston			CA
Riopelle; Richard J.	Kingston			CA
Weaver; Donald F.	Kingston			CA

US-CL-CURRENT: 702/22; 530/350, 700/266, 702/19, 702/20

## ABSTRACT:

The present invention relates to computational methods for identifying the bioactive conformations of peptide domains, in particular the geometries of complexes of neurotrophins and neurotrophin receptors, and the geometries of neurotrophin receptors and ligands. The invention includes a method for identifying and theoretically modelling a receptor binding site for neurotrophins, such as NGF, BDNF, NT-3 and NT4/5, of the common neurotrophin receptor p75.sup.NTR. The principal residues of the p75.sup.NTR binding site are Asp.sup.47p, Lys.sup.56p, Asp.sup.75p, Asp.sup.76p, Asp.sup.88p and Glu.sup.88p of the second and third cysteine-rich domains. These residues interact with residues of variable loop regions I and V and other neighboring residues of each of the neurotrophins. The invention provides a method of designing a ligand for binding with common neurotrophin receptor p75.sup.NTR including computationally evolving a ligand having effective moieties located relative to each other in the ligand so that the moieties bind to at least two of p75.sup.NTR binding loop 2A including region Cys.sup.39p to Cys.sup.58p, p75.sup.NTR binding loop 2B including region Cys.sup.58p to Cys.sup.78p, and p75.sup.NTR binding loop 3A including region Cys.sup.79p to Cys.sup.94p. The invention further provides a method of identifying such a ligand encoded in a data base containing molecules coded for spatial occupancy, relative atomic position, bond type and/or charge. The designed or identified ligand may be an agonist or antagonist of p75.sup.NTR.

18 Claims, 20 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Print
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## 11. Document ID: US 5571706 A

L7: Entry 11 of 11

File: USPT

Nov 5, 1996

US-PAT-NO: 5571706  
 DOCUMENT-IDENTIFIER: US 5571706 A

TITLE: Plant virus resistance gene and methods

DATE-ISSUED: November 5, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baker; Barbara J.	Richmond	CA		
Whitham; Steven A.	Albany	CA		

US-CL-CURRENT: 800/279; 435/69.1, 536/23.6, 800/301

ABSTRACT:

Genomic and cDNA sequences encoding plant virus resistance proteins are provided herein. Specifically exemplified are sequences encoding the N protein derived from tobacco mosaic virus resistant *Nicotiana glutinosa*. TMV-sensitive tobacco plants genetically engineered to contain and express an N protein coding sequence from a TMV-resistant line acquire the TMV-resistant phenotype.

32 Claims, 13 Drawing figures

Exemplary Claim Number: 23

Number of Drawing Sheets: 8

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STN SEARCH  
10/14/03

10/029,347

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=> s human leucine (lw) rich repeat  
L1 1 FILE MEDLINE  
L2 22 FILE CAPLUS  
L3 1 FILE SCISEARCH  
L4 1 FILE LIFESCI  
L5 3 FILE BIOSIS  
L6 1 FILE EMBASE

TOTAL FOR ALL FILES  
L7 29 HUMAN LEUCINE (lw) RICH REPEAT

-> dup rem 17  
PROCESSING COMPLETED FOR L7  
L8 24 DUP REM 17 (5 DUPLICATES REMOVED)

-> d ibib 1-24

L8 ANSWER 1 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:335252 CAPLUS  
DOCUMENT NUMBER: 138:350274  
TITLE: **Human leucine-rich**  
repeat capricious-related LRRCAPS proteins as  
modifiers of the p53 pathway and assay systems for  
their use in screening candidate therapeutic compounds  
INVENTOR(S): Belvin, Marcia; Schleithoff, Lothar; Plowman, Gregory  
D.; Funke, Reel P.; Licubin, Mario N.; Li, Danxi;  
Francis-lang, Helen; Friedman, Lori  
PATENT ASSIGNEE(S): Exelixis, Inc., USA  
SOURCE: PCT Int. Appl., 99 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 46  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003035831	A2	20030501	WO 2002-US33543	20021021
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EG, EE, EG, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RJ, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003138431	A1	20030724	US 2002-274543	20021021
PRIORITY APPLN. INFO.:			US 2001-338733P	P 20011022
			US 2002-357600P	P 20020215
			US 2002-361196P	P 20020301

L8 ANSWER 2 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:777248 CAPLUS  
TITLE: **Protein and cDNA sequences of a novel human**  
**leucine-rich repeat domain**  
containing protein HLLRKR-1 and diagnostic and  
therapeutic use  
INVENTOR(S): Feder, John N.; Ramanathan, Chandra S.; Mintier,  
Gabriel  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 164 pp.  
CODEN: USXXCO

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003186267	A1	20031002	US 2002-271078	20021011
PRIORITY APPLN. INFO.:			US 2001-328478P	P 20011011

L8 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:757211 CAPLUS  
TITLE: Protein and cDNA sequences of a novel **human leucine-rich repeat**-containing protein **HLRRB1**, expressed highly in bone marrow  
INVENTOR(S): Feder, John N.; Ramanathan, Chandra S.; Mintier, Gabe  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 144 pp., Cont.-in-part of U.S. Ser. No. 28,374.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003180812	A1	20030925	US 2002-183770	20020627
US 2003143706	A1	20030731	US 2001-28374	20011220
PRIORITY APPLN. INFO.:			US 2000-257773P	P 20001222
			US 2001-28374	A2 20011220

L8 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:590721 CAPLUS  
DOCUMENT NUMBER: 139:129678  
TITLE: Protein and cDNA sequence of **human leucine-rich repeat** protein **Zlrr3**  
INVENTOR(S): Fiddington, Christopher S.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 37 pp., Cont. of U. S. Ser. No. 482,179.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003143678	A1	20030731	US 2002-180738	20020625
PRIORITY APPLN. INFO.:			US 1999-115676P	F 19990113
			US 2000-482179	A1 20000112

L8 ANSWER 5 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:570550 CAPLUS  
DOCUMENT NUMBER: 139:112780  
TITLE: Novel G protein-coupled receptor family members, **human thioredoxin family members, human leucine-rich repeat** family members, and human ring finger family member  
INVENTOR(S): Glucksmann, Maria Alexandra; Silos-Santiago, Inmaculada; Galvin, Katherine M.; Weich, Nadine; Curtis, Rory A. J.; Bhandaru, Rajasekhar; Kapeller-Libermann, Rosana  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 616 pp., Cont.-in-part of U.S. Ser. No. 796,338.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 11

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003138890	A1	20030724	US 2002-145586	20020514
WO 2001062926	A2	20010830	WO 2001-US6057	20010223
WO 2001062926	A3	20020214		
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WO 2001064882	A2	20010907	WO 2001-US6543	20010228
WO 2001064882	A3	20020502		
WO 2001064882	C2	20030116		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
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US 2002061522	A1	20020523	US 2001-796338	20010228
WO 2001066756	A2	20010913	WO 2001-US7139	20010305
WO 2001066756	A3	20020328		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
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WO 2001072827	A2	20011004	WO 2001-US9470	20010323
WO 2001072827	A3	20020627		
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WO 2001075105	A2	20011011	WO 2001-US10380	20010330
WO 2001075105	A3	20020328		
WO 2001075105	C2	20030306		
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WO 2001079295	A2	20011025	WO 2001-US40476	20010409
WO 2001079295	A3	20020510		
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 WO 2001096392 A2 20011220 WO 2001-US19544 20010615  
 WO 2001096392 A3 20020510  
 WO 2001096392 C1 20020704  
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 WO 2002008258 A2 20020131 WO 2001-US23152 20010723  
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 WO 2002026803 A2 20020404 WO 2001-US29967 20010925  
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 WO 2002026804 A2 20020404 WO 2001-US29968 20010925  
 WO 2002026804 A3 20030703  
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 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 US 2003082738 A1 20030501 US 2002-282837 20021029  
 PRIORITY APPLN. INFO.: US 2000-186059P P 20000229  
 US 2000-187447P P 20000307  
 US 2000-191863P P 20000324  
 US 2000-193919P P 20000331  
 US 2000-211673P P 20000615  
 US 2000-220042P P 20000721  
 US 2000-235032P P 20000925  
 US 2000-235049P P 20000925  
 WO 2001-US6057 A 20010223  
 US 2001-796338 A2 20010228  
 WO 2001-US6543 A2 20010228  
 WO 2001-US7139 A 20010305  
 WO 2001-US9470 A 20010323  
 WO 2001-US10380 A 20010330  
 WO 2001-US40476 A 20010409  
 WO 2001-US19544 A 20010615  
 WO 2001-US23152 A 20010723  
 WO 2001-US29967 A 20010925  
 WO 2001-US29968 A 20010925  
 US 2000-514214 A2 20000225  
 US 2000-551288 A2 20000418

L8 ANSWER 6 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:454938 CAPLUS  
DOCUMENT NUMBER: 139:32342  
TITLE: Human proteoglycan Zlitri and its encoding cDNA  
sequence  
INVENTOR(S): Piddington, Christopher S.; Holderman, Susan D.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 36 pp., Cont. of U. S. Ser. No.  
703,744.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003108995	A1	20030612	US 2002-215457	20020809
PRIORITY APPLN. INFO.:			US 1999-163358P	P 19991103
			US 2000-703744	A1 20001101

L8 ANSWER 7 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:439517 CAPLUS  
DOCUMENT NUMBER: 139:19392  
TITLE: Leucine-rich repeat superfamily protein Lib induced in  
rat astrocytes by .beta.-amyloid and human ortholog  
INVENTOR(S): Yokota, Hiroshi; Sato, Kazunori  
PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003164290	A2	20030610	JP 2001-367093	20011130
PRIORITY APPLN. INFO.:			JP 2001-367093	20011130

L8 ANSWER 8 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:388444 CAPLUS  
DOCUMENT NUMBER: 139:65125  
TITLE: Monarch-1: A pyrin/nucleotide-binding  
domain/leucine-rich repeat protein that controls  
classical and nonclassical MHC class I genes  
AUTHOR(S): Williams, Kristi L.; Taxman, Debra J.; Linhoff,  
Michael W.; Reed, William; Ting, Jenny P.-Y.  
and Department of Pediatrics and Center for  
Environmental Medicine and Lung Biology, Lineberger  
Comprehensive Cancer Center, Department of  
Microbiology-Immunology, University of North Carolina,  
Chapel Hill, NC, 27599, USA  
CORPORATE SOURCE: Journal of Immunology (2003), 170(11), 5354-5358  
SOURCE: CODEN: JOIMAB; ISSN: 0022-1767  
PUBLISHER: American Association of Immunologists  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:736407 CAPLUS  
DOCUMENT NUMBER: 137:274795  
TITLE: Human leucine-rich  
repeat protein HLRRNS1 and cDNA and their use  
in disease diagnosis and treatment  
INVENTOR(S): Ramanathan, Chandra; Feder, John; Mintie, Gabe  
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA  
SOURCE: PCT Int. Appl., 415 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002074959	A2	20020926	WO 2001-US50457	20011220
WO 2002074959	A3	20030424		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003087340	A1	20030508	US 2001-28392	20011220
PRIORITY APPLN. INFO.:			US 2001-259479P	P 20010103
			US 2001-260616P	P 20010109

L8 ANSWER 10 OF 24 CAPIUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:676197 CAPIUS  
DOCUMENT NUMBER: 137:212055  
TITLE: Protein, gene and cDNA sequences of a novel human G protein-coupled receptor related to leucine-rich repeat-containing G protein-coupled receptor and their uses in drug screening  
INVENTOR(S): Zhu, Shiaoping; Chaturvedi, Kabir; Ketchum, Karen; Di Francesco, Valentina; Beasley, Ellen M.  
PATENT ASSIGNEE(S): PE Corporation (NY), USA  
SOURCE: PCT Int. Appl., 173 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068651	A2	20020906	WO 2002-US5518	20020226
WO 2002068651	A3	20030227		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GR, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003074678	A1	20030417	US 2002-270336	20021015
PRIORITY APPLN. INFO.:			US 2001-270873P	P 20010226
			US 2001-844362	A 20010430

L8 ANSWER 11 OF 24 CAPIUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:595011 CAPIUS  
DOCUMENT NUMBER: 137:164724  
TITLE: Protein and cDNA sequence of a novel **human** **leucine-rich repeat** containing protein HLRKSII expressed predominately in small intestine  
INVENTOR(S): Feder, John; Ramanathan, Chandra; Mintier, Gabe  
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA  
SOURCE: PCT Int. Appl., 336 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002061086	A2	20020808	WO 2001-US49739	20011220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003017562	A1	20030123	US 2001-29347	20011220
PRIORITY APPLN. INFO.: US 2000-257774F F 20001222				

L8 ANSWER 12 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:504931 CAPLUS  
 DOCUMENT NUMBER: 137:5869:  
 TITLE: Protein and cDNA sequence of a novel **human leucine-rich repeat**  
 containing protein HLRBML  
 INVENTOR(S): Feder, John; Ramanathan, Chandra; Mintier, Gab  
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA  
 SOURCE: PCT Int. Appl., 371 pp.  
 CODEN: PIIXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002052011	A2	20020704	WO 2001-US49740	20011220
WO 2002052011	A3	20030912		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.: US 2000-257773F F 20001222				

L8 ANSWER 13 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:31492 CAPLUS  
 DOCUMENT NUMBER: 136:80939  
 TITLE: Protein and cDNA sequences of **human leucine-rich repeat**  
 containing proteins, Zlrr7, Zlrr8 and Zlrr9  
 INVENTOR(S): Thayer, Edward C.; Sheppard, Paul O.; Presnell, Scott R.  
 PATENT ASSIGNEE(S): ZymoGenetics, Inc., USA  
 SOURCE: PCT Int. Appl., 82 pp.  
 CODEN: PIIXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 6  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002604	A2	20020110	WO 2001-US20999	20010702
WO 2002002604	A3	20030116		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,				

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 US 2002110855 A1 20020815 US 2001-893737 20010628  
 US 2002086367 A1 20020704 US 2001-895836 20010629  
 US 2002076779 A1 20020620 US 2001-897214 20010702  
 US 2002164688 A1 20021107 US 2001-897878 20010702  
 PR:ORITY APPLN. INFO.: US 2000-215446P P 20000630

L8 ANSWER 14 OF 24 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2002:547399 BIOSIS  
 DOCUMENT NUMBER: PREV200200547399  
 TITLE: Identification and mutational analysis of candidate genes  
 for juvenile myoclonic epilepsy on 6p11-p12: LRRC1, GCLC,  
 KIAA0057 and CLIC5.  
 AUTHOR(S): Suzuki, Toshimitsu; Morita, Ryoji; Sugimoto, Yoshihisa;  
 Sugawara, Takashi; Bai, Dong-Sheng; Alonso, Maria E.;  
 Medina, Marco T.; Bailey, Julia N.; Rasmussen, Astrid;  
 Ramos-Peek, Jaime; Cordova, Sergio; Rubio-Domínguez,  
 Francisco; Ochoa, Adriana; Jara-Prado, Aurelio; Inazawa,  
 Johji; Delgado-Escueta, Antonio V.; Yamakawa, Kazuhiko (1)  
 CORPORATE SOURCE: (1) Laboratory for Neurogenetics, Brain Science Institute,  
 Institute of Physical and Chemical Research (RIKEN), 2-1  
 Hiyosawa, Wako-shi, Saitama, 351-0198: escueta@ucla.edu,  
 yamakawa@brain.riken.go.jp Japan  
 SOURCE: Epilepsy Research, (August, 2002) Vol. 50, No. 3, pp.  
 265-275. <http://www.elsevier.com/locate/epilepsyres>. print.  
 ISSN: 0920-1211.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English

L8 ANSWER 15 OF 24 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2003:163363 BIOSIS  
 DOCUMENT NUMBER: PREV200300163363  
 TITLE: The transcriptional map of the common eliminated region 1  
 (C3CER1) in 3p21.3.  
 AUTHOR(S): Kiss, Hajnalka (1); Yang, Ying; Kiss, Csaba; Andersson,  
 Kenth; Klein, George; Imreh, Stephan; Dumanski, Jan P.  
 CORPORATE SOURCE: (1) Microbiology and Tumor Biology Center (MTC), Karolinska  
 Institutet, Nobels väg 16, S-171 77, Stockholm, Sweden:  
 Hajnalka.Kiss@mtc.ki.se Sweden  
 SOURCE: European Journal of Human Genetics, (January 2002, 2002)  
 Vol. 10, No. 1, pp. 52-61. print.  
 ISSN: 1018-4813.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English

L8 ANSWER 16 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:886178 CAPLUS  
 DOCUMENT NUMBER: 136:32775  
 TITLE: Cloning, sequencing and regulation of human LGR4-like  
 G protein-coupled receptor  
 INVENTOR(S): Ramakrishnan, Shyam  
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 90 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092297	A2	20011206	WO 2001-EP6089	20010529
WO 2001092297	A3	20021219		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,				

UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 EP 1290030 A2 20030312 EP 2001-960250 20010529  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 US 2003139341 A1 20030724 US 2002-276340 20021127  
 PRIORITY APPLN. INFO.: US 2000-207349P P 20000530  
 WO 2001-EF6089 W 20010529

L8 ANSWER 17 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:748001 CAPLUS  
 DOCUMENT NUMBER: 135:299575  
 TITLE: Protein and cDNA sequences of a novel **human**  
**leucine-rich repeat**  
 -containing protein sequence homolog and uses thereof  
 INVENTOR(S): Glucksmann, Maria Alexandria  
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 117 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 11  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001075105	A2	20011011	WO 2001-US10380	20010330
WO 2001075105	A3	20020328		
WO 2001075105	C2	20030306		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SI, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002076753	A1	20020620	US 2001-822687	20010330
EP 1268789	A2	20030102	EP 2001-922939	20010330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003138890	A1	20030724	US 2002-145596	20020514
PRIORITY APPLN. INFO.: US 2000-193919P P 20000331 US 2000-186059P P 20000229 US 2000-187447P P 20000307 US 2000-191863P P 20000324 US 2000-211673P P 20000615 US 2000-220042P P 20000721 US 2000-235032P P 20000925 US 2000-235049P P 20000925 WO 2001-US6057 A 20010223 US 2001-796338 A2 20010228 WO 2001-US6543 A2 20010228 WO 2001-US7139 A 20010305 WO 2001-US9470 A 20010323 WO 2001-US10380 W 20010330 WO 2001-US40476 A 20010409 WO 2001-US19544 A 20010615 WO 2001-US23152 A 20010723 WO 2001-US29967 A 20010925 WO 2001-US29968 A 20010925				

L8 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:730818 CAPLUS  
 DOCUMENT NUMBER: 135:268348  
 TITLE: Protein and cDNA sequences of novel **human**  
**leucine-rich repeat**  
 containing proteins and uses thereof

INVENTOR(S): Glucksmann, Maria Alexandria  
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 133 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 11  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072827	A2	20011004	WO 2001-US9470	20010323
WO 2001072827	A3	20020627		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BE, BJ, CF, CG, CI, CM, GA, GN, GW, MI, MR, NE, SN, TD, TG				
US 2002076752	A1	20020620	US 2001-815626	20010323
US 2003138890	A1	20030724	US 2002-145586	20020514
<b>PRIORITY APPLN. INFO.:</b> US 2000-191863P P 20000324 US 2000-186059P P 20000229 US 2000-187447P P 20000307 US 2000-193919P P 20000331 US 2000-211673P P 20000615 US 2000-220042P P 20000721 US 2000-235032P P 20000925 US 2000-235049P P 20000925 WO 2001-US6057 A 20010223 US 2001-796338 A2 20010228 WO 2001-US6543 A2 20010228 WO 2001-US7139 A 20010305 WO 2001-US9470 A 20010323 WO 2001-US10380 A 20010330 WO 2001-US40476 A 20010409 WO 2001-US19544 A 20010615 WO 2001-US23152 A 20010723 WO 2001-US29967 A 20010925 WO 2001-US29968 A 20010925				

I.8 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:582093 CAPLUS  
 DOCUMENT NUMBER: 135:176430  
 TITLE: Protein and cDNA sequences of novel **human**  
**leucine-rich repeat**  
 protein-like proteins identified by sequence  
 similarity  
 INVENTOR(S): Boyle, Bryan J.; Yeung, George; Mize, Nancy K.;  
 Arterburn, Matthew C.; Tang, Y. Tom; Liu, Chenghua;  
 Drmanac, Radoje T.; Wang, Meng-Yen; Chen, Lichuan;  
 Yang, Yea-Huey  
 PATENT ASSIGNEE(S): Hyseq, Inc., USA  
 SOURCE: PCT Int. Appl., 156 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 83  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001057261	A1	20010809	WO 2001-US3653	20010202
WO 2001057261	C2	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				

SD, SE, SG, SJ, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 AU 2001036660 A5 20010814 AU 2001-36660 20010202  
 EP 1254268 A1 20021106 EP 2001-908834 20010202  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 US 2003100746 A1 20030529 US 2002-114500 20020401  
 PRIORITY APPLN. INFO.: US 2000-496914 A 20000203  
 US 2000-560875 A 20000427  
 US 2000-672221 A 20000927  
 WO 2001-US3653 W 20010202  
 US 2001-802704 B1 20010308

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 20 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:565250 CAPLUS  
 DOCUMENT NUMBER: 135:148299  
 TITLE: **Human leucine-rich repeat** protein 71 and its cDNA and use thereof  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Biodcor Gene Technology Ltd. Shanghai, Peop. Rep. China  
 SOURCE: PCT Int. Appl., 36 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001055374	A1	20010802	WO 2001-CN45	20010115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1306975	A	20010808	CN 2000-111505	20000126
PRIORITY APPLN. INFO.:			CN 2000-111505	A 20000126
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L8 ANSWER 21 OF 24 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:435112 CAPLUS  
 DOCUMENT NUMBER: 135:41816  
 TITLE: Protein and cDNA sequences of a novel **human leucine rich repeat** -containing protein AZAD and diagnostic uses thereof  
 INVENTOR(S): Khodadoust, Mehran Mohamad  
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 133 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001042286	A2	20010614	WO 2000-US33140	200001207
WO 2001042286	A3	20020124		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002025554 A1 20020228 US 2001-789404 20010220  
PRIORITY APPLN. INFO.: US 1999-456592 A2 19991208

L8 ANSWER 22 OF 24 CAPIUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2000:493675 CAPIUS  
DOCUMENT NUMBER: 133:130784  
TITLE: Cloning of a novel **human leucine-rich repeat** protein Zlrr3 cDNA and its therapeutic use  
INVENTOR(S): Piddington, Christopher S.  
PATENT ASSIGNEE(S): ZymoGenetics, Inc., USA  
SOURCE: FCT Int. Appl., 89 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042184	A1	20000720	WO 2000-US742	20000112
W: AF, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LZ, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2360577	AA	20000720	CA 2000-2360577	20000112
PRIORITY APPLN. INFO.:			US 1999-229598 A	19990113
			WO 2000-US742	W 20000112
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L8 ANSWER 23 OF 24 MEDLINE on STN DUPLICATE 1  
ACCESSION NUMBER: 97237559 MEDLINE  
DOCUMENT NUMBER: 97237559 PubMed ID: 9084037  
TITLE: A survey of the *Trypanosoma brucei* rhodesiense genome using shotgun sequencing.  
AUTHOR: el-Sayed N M; Doneisen J E  
CORPORATE SOURCE: Department of Biochemistry, University of Iowa, Iowa City 52242, USA.  
SOURCE: MOLECULAR AND BIOCHEMICAL PARASITOLOGY, (1997 Feb) 84 (2) 167-78.  
Journal code: 8006324. ISSN: 0166-6851.  
FIR. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-B07182; GENBANK-B07183; GENBANK-B07184;  
GENBANK-B07185; GENBANK-B07186; GENBANK-B07187;  
GENBANK-B07188; GENBANK-B07189; GENBANK-B07190;  
GENBANK-B07191; GENBANK-B07192; GENBANK-B07193;  
GENBANK-B07194; GENBANK-B07195; GENBANK-B07196;  
GENBANK-B07197; GENBANK-B07198; GENBANK-B07199;  
GENBANK-B07200; GENBANK-B07201; GENBANK-B07202;  
GENBANK-B07203; GENBANK-B07204; GENBANK-B07205;  
GENBANK-B07206; GENBANK-B07207; GENBANK-B07208;  
GENBANK-B07209; GENBANK-B07210; GENBANK-B07211  
ENTRY MONTH: 199707  
ENTRY DATE: Entered STN: 19970721  
Last Updated on STN: 19990129  
Entered Medline: 19970709

L8 ANSWER 24 OF 24 CAPIUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1990:174691 CAPIUS  
DOCUMENT NUMBER: 112:174691  
TITLE: Modular mutagenesis of human placental ribonuclease  
inhibitor, a protein with leucine-rich repeats  
AUTHOR(S): Lee, Frank S.; Vallee, Bert L.  
CORPORATE SOURCE: Cent. Biochem. Biophys. Sci. Med., Harvard Med. Sch.,  
Boston, MA, 02115, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1990), 87(5), 1879-83  
CODEN: PNASA6; ISSN: 0027-8424  
DOCUMENT TYPE: Journal  
LANGUAGE: English

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